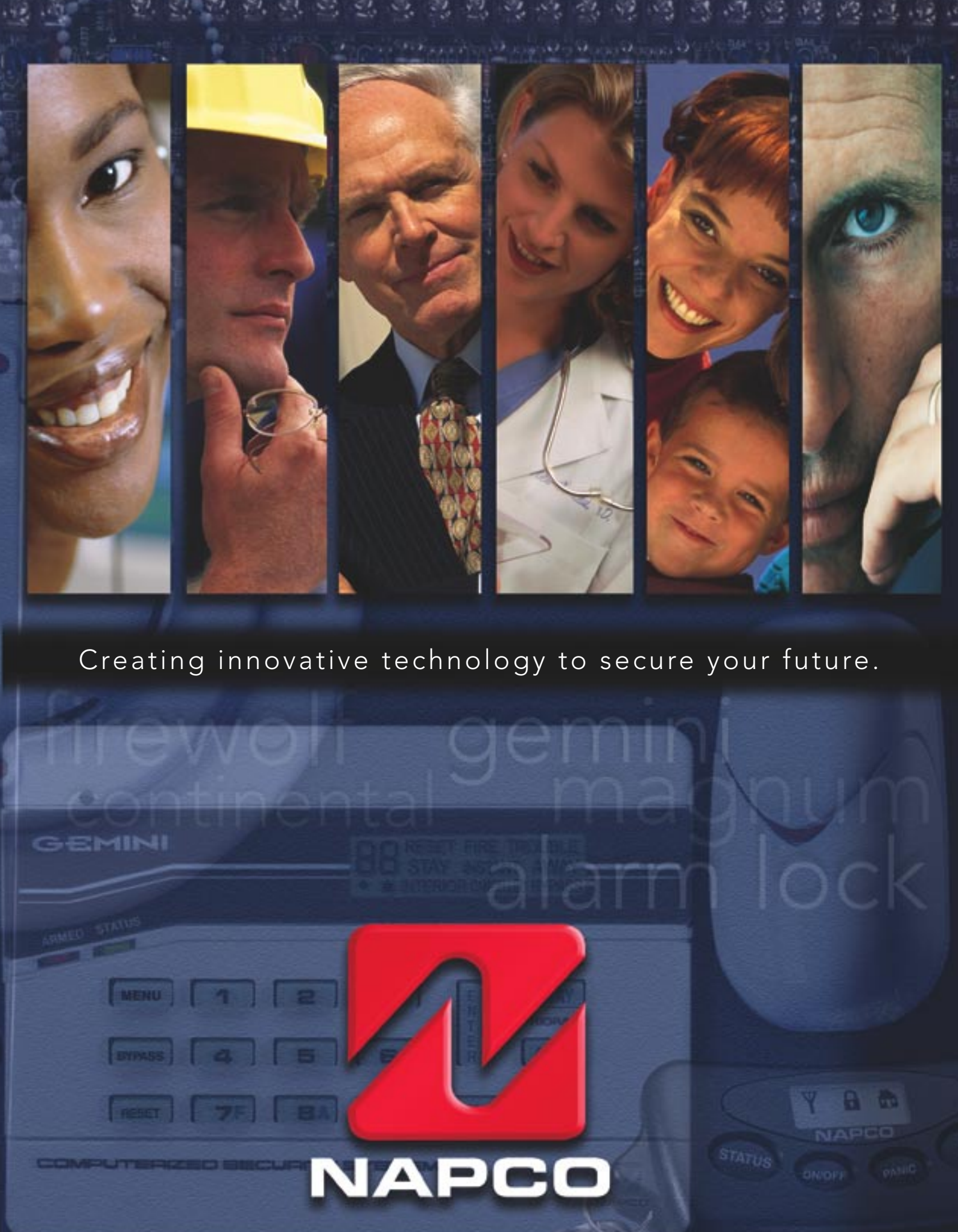
Creating innovative technology to secure your future.
firewall
gemini
continental
magnum
alarm lock
GEMINI
ARMED STATUS
MENU
BYPASS
RESET
NAPCO
STATUS
ON/OFF
PANIC
NAPCO

Over three decades of

Security **innovation**.
Security **technology**.
Security **leadership**.

The NAPCO Security Group is the world's most diversified manufacturer of security products, encompassing burglar and fire alarms, access control systems and electronic digital and proximity locks, as well as panic exit hardware. Sold and installed by tens-of-thousands of security professionals, from security dealers to locksmiths to systems integrators, millions of homes, businesses, institutions and people around the globe are protected by products from the NAPCO Group of Companies.

Since 1969, NAPCO has enjoyed a heritage in the professional security community for advanced technology and high quality, building many of the industry's best-known brand names, such as NAPCO, Alarm Lock and Continental Instruments. And, because of NAPCO Security Group's combined strengths in myriad security technologies, including alarms, sensors, locks & access control, its powerful product offerings are among the most innovative on the market – affording security pros uncommon reliability, labor-savings and customer-ease.

Our product development team has a proven track record in anticipating trends and translating new technologies into the breakthrough products that often help shape and create new markets. Some examples of the technological expertise we draw from are: Home/Business systems integration and automation, LAN/WAN & RS232 communications, motion studies, biometrics, voice synthesis, microcomputerization. RF wireless, infrared and more.

Gemini – overview ..... page 2
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Gemini – basic hybrid control panels ..... page 4
Gemini – keypads ..... page 5
Gemini system configurations ..... page 6 & 7
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Magnum Alert - controls & keypads ..... page 10
Universal keyfobs ..... page 11
NAPCO express - basic hybrid controls & keypads ..... page 12
Adaptive® dual sensors - NAPCO exclusive microwave/PIRs ..... page 13
Advanced PIR sensors - advanced microprocessor & ASIC passive infrared sensors ..... page 14
Firewolf - smoke detectors & pull stations ..... page 15
Alarm Lock - DL2700/DL3000 series Trilogy T2 & T3 ..... page 16
Alarm lock - proximity lock PDL/PL3000 series & audit trail accessories ..... page 17
Alarm Lock - DL3500 series US & European mortise locks, Panic Exit ..... page 18
Trilogy keypads DK3000/PDK3000 ..... page 19
Alarm Lock panic exit hardware ..... page 20
Alarm Lock - remote release & power mags & power exits ..... page 21
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Continental instruments - access control system advanced controllers ..... page 24

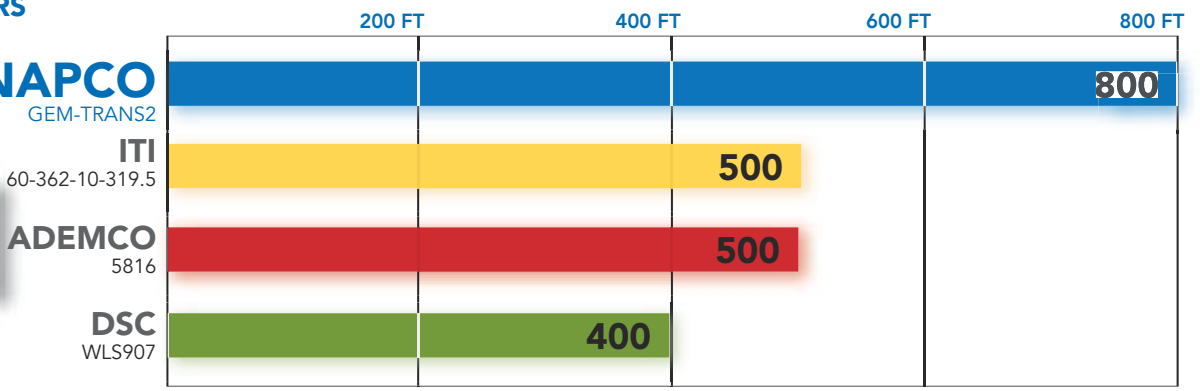
NAPCO

Independent tests prove NAPCO wireless outperforms the competition

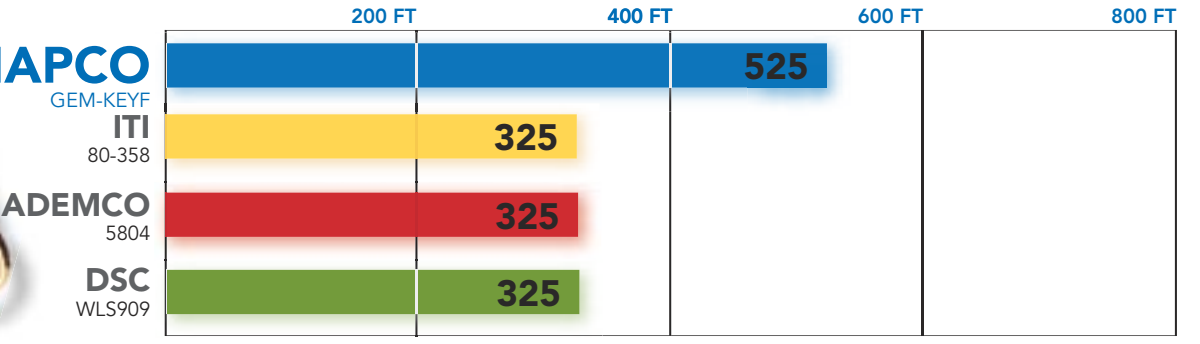
We had every major manufacturer's wireless put to the test and one system outperformed the rest by as much as 50% – NAPCO's Gemini. Even under torture-test conditions, in the toughest industrial warehousing, with metal and motors galore, NAPCO Gemini Crystal-Control Window/Door Transmitters and Keyfobs cut thru the obstructions with stronger signal strength for superior range and reliability. And, rest assured all NAPCO Gemini Wireless Devices use this same proven wireless technology for equally exceptional performance. Don't just take our word for it – put Gemini to the test at your company.

WINDOWS/DOOR TRANSMITTERS

Range (In Feet) – In tough industrial warehouse environment



KEYFOBS



New York Testing Laboratories, Inc.

Requests for the report of these findings (by NY Testing Laboratories, Inc.) may be made in writing to NAPCO, ATTN: RF TEST MKTG, to the address below. Gemini is a trademark of NAPCO. © NAPCO New York Testing Laboratories, Inc. and its logo are properties thereof. Ademco Vista, DSC Power and ITI Concord are trademarks of their respective companies. Testing utilized 25 and 50' range increments. The following systems were used in above testing: NAPCO Gemini P1632, ITI Concord 60-806, DSC Power 832, Ademco Vista 10SE.

Protect your customers and your business with Gemini

For over three decades, NAPCO has been dedicated to creating and manufacturing innovative products for security professionals who want to offer their home and business customers the most reliable system technology available. Proudly, today the same commitment holds true. One of these is the Gemini Family of Hybrid Hardwire/Wireless Products. In fact, our crystal-control Gemini wireless products have been proven by an independent testing laboratory to outperform competitive products, with long-range RF reliability, as much as 50% higher than other brands.

Napco's growing Gemini family includes a comprehensive line of hybrid hardwire/wireless multi-tasking products: Control panels ranging from 8 to 255 zones, easy-to-use, designer keypads, including one with built-in 32-Point RF Receiver, and a full line of conventional 8 to 255 point null-free, helically-filtered RF receivers. Plus, Gemini Transmitters range from keyfobs and panic buttons, to recessed door and surface-mount window/door contacts, to Wireless PIR, PIR/Pet and dual sensors, and from wireless smokes and glass breaks to heat detectors. Simply put, Gemini's uncommon crystal-control precision and omnidirectional circuitry, ensures the wireless/hardwire systems you provide your customers will dependably deliver the security and trouble-free, peace-of-mind they deserve for many years to come.

All Gemini panels and receivers seamlessly support the full line of Gemini transmitters and virtually all panels, keypads, and peripherals are compatible with each other and work the same, model to model. Ensuring ideal RF signal reception, during system setup Gemini Transmitter signal strength is indicated visually or audibly, right at the keypad, in every Gemini Keypad model. "*Know before you go*" that your transmitter and receiver alignment is optimized to yield the desired dependability, point for point. Configuring a system is now easier than ever, with Windows-based PCD-WINDOWS software, and Keypad-EZ-Programming Mode, for menu-driven keypad programming, in which routine setup questions are asked in yes-no or fill-in format. Gemini offers PC-Preset remote downloading– so you can create a master program and transmit it from your central office automatically at anytime, hands-free.

Customize a NAPCO Gemini System to meet the needs of your residential and commercial customers, today and tomorrow, offering them unmatched flexibility to grow. Our Hybrid Control Panels all start with a base of 8 zones – expanded with convenient multiplexing via built-in zones in alpha keypads or EZM module, to a maximum of 255 hardwire/wireless zones with the GEM-X255 fuseless, maintenance-free control. With so many innovative products, the ever-expanding Gemini line is unbeatable. Give your customers the safety and reliability they deserve, standardize on NAPCO Gemini Security Systems.

Advanced performance Gemini RF receivers:

RECV-8 8 Points.
RECV-XP8 8 Points For Express and P801/800/P400 panels, only
RECV-16 16 Points.
RECV-96 96 Points.
RECV-X255 255 Points
GEM-K4RF Keypad 32 Points.

- Dual diversity antennas minimize nulls & enhance reliability.
- Tamper-& RF-jamming supervision.
- Separate programmable supervisory times by device type.
- Audible Fault-Find mode in walk test.
- **NEW English language keypad GEM-K4RF with built in 32 pt. receiver (at left).**

receivers

Wireless window/door transmitters

GEM-TRANS2 2-Points.

- Soft white, compact and low profile.
- Reversible mounting position for left or right handed operation.
- "Low battery" clearly displayed at keypad by zone and transmitter number.
- Both models include built-in reed switch, magnet, lithium battery, tamper and terminals.

GEM-TRANS2BRN25

- Field-changeable brown housings for woodgrain installation (case of 25).

Recessed wireless window/door transmitter

GEM-RTRANS

- For recessed use in both windows and doors
- Powerful wireless transmitter
- White Housing, Magnet & Hole Cover
- Field-replaceable 5 year battery. Long-life 3V type DL123A lithium battery supplied.

Wireless keyfob/ emergency pendant transmitter

GEM-KEYF

- 4-Button operation: 2 for On/Off of security system and 2 programmable for Aux. functions, e.g. panic, medical, relays or relay groups, instant or X-10 control.
- Visual indicator confirms transmission or low battery.
- Includes key ring, neck chain, replaceable battery, 2 & 4 key (button) sets and plugs for unused keys.

Wireless waterproof panic

GEM-WP PANIC

- Waterproof personal panic button.
- Worry-free peace of mind.
- 1-button operation with tactile feedback "click."
- Extra-large, "soft touch" button for trouble-free use even by dexterity-impaired or arthritic hands.

Wireless Adaptive® microwave/PIR

GEM-DT

- Broad 40' x 40' range.
- Exclusive Adaptive dual technology for superior false alarm resilience –even from animal/pet activity and optimized catch.
- Active self-test of both sensors
- 5 interchangeable lens patterns.
- One button walk-test with auto shut-off.
- 3 distinct transmissions for "tamper", alarm and "self-test failure".
- EMI/RFI protected with fully-shielded SMD circuitry.
- Includes batteries, tamper and mounting screws.

Wireless acoustic glass break detector

GEM-GB

- Superior-immunity to false alarms and excellent detection, even through blinds & light drapes.
- Pattern Recognition Technology - recognizes the actual pattern of glass breaking across the full audio band.
- 25' coverage radius with automatic test for easy installation.
- Enduser "hand clap" sensor verification.
- Includes lithium battery, tamper & mounting kit.

Wireless PIR

GEM-PIR

- Broad 50' x 50' Coverage.
- 11 interchangeable lenses.
- Signal Selective Processing.
- Auto Temperature Compensation.
- EMI/RFI protected with fully-shielded SMD circuitry.
- Battery-Saver feature.
- Includes lithium batteries and mounting screws.

Wireless pet PIR

GEM-PIRPET

- 50' x 50' range
- 40 lb. pet/animal immunity
- Signal selective processing
- Auto-temperature compensation
- EMI/RFI protected with fully-shielded SMD circuitry
- Battery-Saver feature.
- Includes lithium batteries and mounting screws.

Wireless photoelectric smoke

GEM-SMK

- Built-in test switch.
- Visual LED indicates alarm and standby.
- Includes batteries & mounting kit.

Wireless heat detector

GEM-HEAT

- High-quality 135^{0}F (57^0 C) fixed temperature detector with Rate of Rise.
- Reliable, crystal-controlled wireless technology.
- Long-life, replaceable lithium batteries.

Gemini Hardwire/Wireless Controls

THESE HYBRID CONTROLS ALL FEATURE:

- Support for choice of designer keypads for every application and budget.(see p. 3)
- Multiplex Expandability using Built-in EZMs in Custom Alpha Keypads or 8-Zone Expansion Modules (except GEM-P800)
- Up/Downloading, including Unique PC-Preset Unattended Method
- EZ-Programming Mode at Keypad
- Choice of Gemini RF Receivers & Transmitters
- Partitioning by Area (Not P816/P801/P800)
- Multi-stage lightning protection
- Event Log with Open/Close Suppression, as noted below
- Additional Relays May be Added for most models
- X-10 Support with Optional GEM-X10 Interface Module (most models)
- Telco Line Cut Supervision
- Support All Major Communication Formats & Secondary Pager Format
- Include Transformer

ADDED GEM-P816 FEATURES:

- 8 Hybrid zones on-board, including 2 2-wire fire zones.
- With multiplexing, the P816 can be increased up to 16 EOL zones.
- Up to 16 user codes
- Supports up to 7 keypads (see chart p.3)
- EZ Programming at keypad
- 256 event logging
- Supports 2 Gemini receivers
- Interior bypass Group
- Auto Arm
- 3 Outputs

ADDED GEM-P1632 FEATURES:

- 8 Hardwire or Wireless Zones on Board; Instantly EZ-Zone Doubled to 16–With NO Additional Equipment or Cost!
- Up to 32 Zones with Multiplex Expansion
- Including 2 2-Wire Fire Zones (7;8)
- EZ Programming at keypad
- Up to 32 user codes
- Up to 2 areas
- Supports up to 7 keypads (see chart p.3)
- 3 on-board relay outputs; expandable to 8 relay outputs
- Up to 2 RF receivers
- Interior bypass groups
- Up to 8 X-10 devices supported for 16 different events
- 400 event log
- Auto arm

ADDED GEM-P3200 FEATURES:

- 8 to 32 Hardwire or Wireless Zones/Points; Up to 48 RF Wireless Points
- Including 2 2-Wire Fire Zones
- Up to 48 User Codes
- Up to 2 Areas
- 3 On-Board Relay Outputs; Expandable to 24
- 1 On-Board Programmable Lug
- Up to 2 RF Receivers
- Up to 7 Keypads (see chart p.3)
- Interior Bypass Groups
- Up to 24 X-10 Devices Supported
- 800 Event Log
- Auto Arm/Disarm
- 255 Event Scheduler

ADDED GEM-P9600 FEATURES:

- 8 to 96 Hardwire Zones/Points
- Including 8 2-Wire Fire Zones
- Up to 96 User Codes
- Up to 8 Areas
- 3 On-Board Relay Outputs; Expandable to 96
- 1 On-Board Programmable Lug
- Up to 4 RF Receivers
- Up to 15 Keypads (see chart p.3)
- Up to Interior Bypass Groups
- Up to 64 X-10 Devices Supported
- 800 Event Log
- Auto Arm/Disarm
- 255 Event Scheduler
- Support GEM-Automation alarm-to-pc automation software package interface.
- Support GEM-Developer Development Professional's Protocol for Custom Integration.
- Support Phast Automation Systems with GEM-PHASTPAK Interface
- Permits permanent Panel-Port connection to Automation Hubs using GEM-RS232 Interface

ADDED GEM-X255 FEATURES:

- 8 to 255 hardwired zones or wireless points/zones
- Expandable using 8-zone GEM-EZM8 expansion modules (labeled "GEMX255 support").
- Up to 96 fire zones, including 8 2-Wire Fire Zones
- Up/downloadable using PCD-WINDOWS.
- Up to 8 areas
- Up to 195 user codes with opening/closing by user
- Fuseless, maintenance-free operation
- 3 On-board relay outputs
- 1 On-board programmable lug
- Up to 96 relays
- Supports 4 wireless receivers
- Supports 15 GEMRP1CAE2 or GEMK1CA keypads
- Up to 2 interior bypass groups
- X-10 support, for 64 devices (with GEM-X10 module)
- 800 Event log w/ open/close suppress
- Auto arm/disarm
- 255 Event scheduler
- All major communication formats & secondary pager format
- Telco line cut supervision.

ADDED GEM-P800 FEATURES:

- 8 programmable zones, including 2-wire fire
- Up to 16 Gemini wireless points: 8 wireless points from your choice of gemini PIR, window/door & glassbreak transmitters
- Up to 4 Gemini wireless smokes
- Supports 4 handy multifunction Gemini keyfobs w/ panic
- 8 individually reporting user codes
- Supports up to 4 GEM-RP8 keypads &/or 2 wireless receivers

GEM-RP8 supplied with GEMP801/P800

ADDED GEM-P801 FEATURES:

- Includes RP8 Numeric Keypad
- 9 programmable zones, including 2-wire (No zone doubling)
- 6 Hardwire or wireless zones plus: 2 wireless zones plus 1 2-wire fire zone
- Use 2 optional zones at GEMRP8LCD Custom Alpha Keypad
- Uses GEMRECVXP8 wireless receiver
- 8 individually reporting user codes
- 50 event log
- PC programmable with PCD-Windows
- Line and bell-cut supervision
- Double reporting & backup reporting
- EZ wire full-size terminal strips

GEM-EZM4/8 EXPANSION MODULE

- Economy zone expansion module that works with both GEM-P816 and GEM-P1632 control panels
- Increases eight on-board zones in selectable increments of four or eight zones

GEM-EZM8 EXPANSION MODULE

- Eight-zone expansion module
- Audible "Find Mode"

WIZARD IIe PHONE MODULE

- "Talking" Phone-In Interface Module for Remote Gemini System and Appliance Control from any Touch-tone Phone
- Easy control with 2 phone keys

GEM-EVA1 VOICE ANNUNCIATOR

- Comforting "voice" announcement for alarm system operations and use
- Self-contained active speaker module
- Check panel manual for compatibility

GEM-AUTOMATION

- Home/facilities automation panel-to-PC interface kit for P9600
- Supported by a growing number of leading PC Automation packages: Home Director Pro™, Savoy Cyberhouse™, Phast, Creston and more

GEM-PRINT

- Module that enables Gemini system activity to print to an on-site parallel printer
- Check panel manual for compatibility

MVA-1000 (Not shown)

- Multilingual Talking Siren Driver
- Distinguishes Burglar and Fire Alarms in English, Spanish and French
- Powerful 127 db Siren sound level

GEM-DEMO (Not shown)

- Hand-held Keypad Sales Demonstrator
  - Plug-In Connectors included for demonstrating GEMINI Wireless
  - 4 "Zone" toggle switches, 2 flashing alarm indicators and reporting indicator

ON-Q816-1632 ONQ STRUCTURED WIRING INTERFACE (not shown)

- Wiring system adapter kit used to mount GEM-P816 & P1632 Control Panels to the ON-Q System.
- Integrates all home electronic systems into one ON-Q enclosure
- UL and ON-Q approved

K-Series Gemini Keypads

With Stay and Away Keys!

All Feature:

- Intuitive Stay and Away Keys
- Large "Soft Touch" backlit keys with tone
- Backlit displays for easy reading
- Wireless Transmitter Signal Strength Indication
- EZ-Programming Mode (Q&A Format with Custom Alpha models)
- Décor friendly Soft White design
- Fire, Police and Auxiliary programmable panic keys
- Fingertip reference chart

GEM	P816	P1632	P3200	P9600	X255	P801
K1CA	•	•	•	•	•	
K2AS	•	•	•	•		
K3DGTL	•	•	•	•		
K4RF	•	•	•	•		
K4	•	•	•	•		
RP1CAe2	•	•	•	•	•	
RP2ASe2	•	•	•	•		
RP3DGTL	•	•	•	•		
RP8LCD						•
RP8/K800						•

GEM-K1CA Custom Alphanumeric Keypad Added Features:

- New Stay & Away ease-of-use buttons, for easy one button arm and easy "instant" (hold-down)
- Deluxe 32-character backlit, menu-driven, dual-line display
- Custom alphanumeric zone directory
- Built-in 4 Zone Expansion Module
- Display of Wireless Transmitter Signal Strength 1-10
- EZ Keypad Programming with actual Q&A's to step thru configuration

GEM-K2AS Alpha/Symbol Keypad Added Features:

- New Stay & Away ease-of-use buttons, for easy one button arm and easy "instant" (hold-down)
- Unique backlit, combination alphanumeric and symbol display

GEM-K3DGTL Digital Display Keypad Added Features:

- New Stay & Away ease-of-use buttons, for easy one button arm and easy "instant" (hold-down)
- Vivid dual 7-segment digital display keypad

GEM-K4RF Integrated English Language Keypad with Built-in 32 Pt. RF Receiver Added Features:

- Large backlit, fixed English Display
- Built-in 32 Point Gemini Wireless Receiver for labor-saving convenience
- Proven crystal-control wireless performance
- Supports all Gemini transmitters
- New Stay & Away ease-of-use buttons, for easy one button arm
- Matching Keypad without receiver **GEM-K4**

RP-Series Gemini Classic Keypads

The Industry's Perennial Favorite Design

All Feature:

- Backlit displays for easy reading
- Large "Soft Touch" backlit keys with tone, including traditional Interior and Instant Keys
- Wireless Transmitter Signal Strength Indication
- EZ-Programming Mode (Q&A Format with Custom Alpha models)
- Décor friendly Soft White design
- Fire, Police and Auxiliary programmable panic keys
- Fingertip reference chart

GEM-RP1CAe2 Custom Alphanumeric Keypad Added Features:

- Deluxe 32-character backlit, menu-driven, dual-line display
- Custom alphanumeric zone directory
- Built-in 4 Zone Expansion Module
- Display of Wireless Transmitter Signal Strength 1-10 by I.D.
- Traditional Interior and Instant Keys
- EZ Keypad Programming with actual Q&A's to step thru config.

GEM-RP2ASe2 Alpha/Symbol Keypad Added Features:

- Unique backlit, combination alphanumeric and symbol display
- Traditional Interior and Instant Keys

GEM-RP3DGTL Digital Display Keypad Added Features:

- Includes Standard keypad features plus
- Vivid dual 7-segment digital display keypad
- Traditional Interior and Instant Keys

GEMRP8LCD Custom Alphanumeric Keypad with Stay & Away

--The "RP" that acts like a K-Series

- Stay & Away for easy one button arm and easy "instant"
- Deluxe 32-character backlit dual-line display +alpha directory
- Built-in 2 Zone Expansion Module
- Display of Wireless Transmitter Signal Strength

GEM-RP8/GEM-K800 Numeric Keypad also available and supplied with GEMP801/800 (shown on p4)

Gemini expandable hybrid systems

GEM-P816
GEM-P1632
GEM-P3200
GEM-P9600
GEM-X255*

GEM-RP1CAe2
INCLUDES 4 ZONE EXPANSION MODULE BUILT-IN

GEM-RP2ASe2

GEM-RP3DGTL

GEM-K1CA
INCLUDES 4 ZONE EXPANSION MODULE BUILT-IN

GEM-K2AS

GEM-K3DGTL

GEM-K4RF
32 PT RF RECEIVER BUILT-IN

GEM	P816	P1632	P3200	P9600	X255	P801
K1CA	•	•	•	•	•	
K2AS	•	•	•	•		
K3DGTL	•	•	•	•		
K4RF	•	•	•	•		
K4	•	•	•	•		
RP1CAe2	•	•	•	•	•	
RP2ASe2	•	•	•	•		
RP3DGTL	•	•	•	•		
RP8LCD						•
RP8/K800						•

GEM-EZM8

For All Gemini Expandable Panels
8 Zone Expansion Module

RB3008

8 Relay Expansion Module

GEM-EZM4/8

For P816 & P1632 only
Economy 4 to 8 Zone Expansion Module

WIZARD IIe PHONE-IN MODULE

GEM-EVA1 VOICE ANNUNCIATOR

*** GEM-X255 – To support over 96 zones, use GEMRP1CAe2 or – KICA Models**

GEM-K4RF
WITH 32PT RF RECEIVER
BUILT-IN

8 PTS. : GEM-RECV8
16 PTS. : GEM-RECV16
96 PTS. : GEM-RECV96
255 PTS. : GEM-RECV255

GEM-WPPANIC
WATERPROOF PANIC

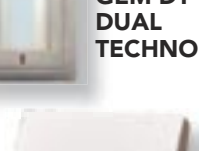
GEM-KEYF
KEYFOB

GEM-TRANS2
WINDOW/DOOR

GEM-PIR/
GEM-PIRPET
PASSIVE

Advanced wireless

GEM-DT
DUAL
TECHNOLOGY



GEM-GB
ACOUSTIC GLASS
BREAK

GEM-SMK
SMOKE

GEM-HEAT
DETECTOR

GEM-RTRANS
RECESSED
WINDOW DOOR

NAPCO EXPRESS
XP600/4 &
XP400/4 (4 Pak)
RP-X6 & RP-X4
Keypads

GEM-RECVXP8

Basic hybrid systems

GEM-P801, GEM-P800,
GEM-P400/4
with
GEM-RP8 or GEM-RP4
(supplied with 801/800/400)

GEM-RP8LCD
GEM-P801, P800, P400
OPTIONAL ALPHA KEYPAD
W/2 ZONES BUILT IN FOR P801

For All
Alarm Panel Brands

Universal 2-way LCD keyfob &
Universal value keyfob

(BOTH "KITS" INCLUDE DEDICATED KEYFOB RECEIVERS)

2WAYUNIVKFKIT
BIDIRECTIONAL LCD ICON KEYFOB KIT

UNIVKIT1
VALUE KEYFOB KIT

Comparison of panel features and accessories

FEATURES	NAPCO GEMINI PRODUCTS				
	GEM-P400	GEM-P800	GEM-P801	GEM-P816	GEM-P1632
ZONES ON BOARD	N/A	N/A	8	8	8
MAX. # ZONES	4 Zone-Doubled	6 Zone-Doubled	9	16	32
ZONE EXPANSION	-	2 Wireless Only Zones	2 Wireless Only Zones	2xGEM-EZM4/8	6xGEM-EZM4/8
(*NOTE: Each RP1CAe2/K1 or RP3000LCD Keypad adds 4 Built-in Zones)				1xGEM-EZM8	3xGEM-EZM8
USER CODES	4	8	8	16	32
# OF FIRE ZONES; 2 WIRE FIRE	-	1 2/4 WIRE	1 2/4 WIRE	UP TO 16; 2 2-WIRE	UP TO 32; 2 2-WIRE
KEYPADS SUPPORTED	4(total) GEM-RP4 or GEM-K400	4(total) GEM-RP8 RP8LCD or GEM-K800	4(total) GEM-RP8 RP8LCD or GEM-K800	7(total) GEM-RP1CAe2 RP2ASe2 RP3DGTL or GEM-K1CA K2AS K3DGTL K4RF K4	7(total) GEM-RP1CAe2 RP2ASe2 RP3DGTL or GEM-K1CA K2AS K3DGTL K4RF K4
EVENT LOG	-	50	50	256	400
# OF AREAS	1	1	1	1	2
# OF OUTPUTS	2	2	2	3	3, UP TO 11 (Using RB3008 Relay Modules)
# OF WIRELESS RECEIVERS SUPPORTED	2 (GEM-RECVXP8 only)	2 (GEM-RECVXP8 only)	2 (GEM-RECVXP8 only)	2 (GEM-K4, RFRECV8/16)	2 RECV8/16/96)
# WIRELESS POINTS	4	12	12	16	32
# WIRELESS KEYFOBS	2	4	4	8	8
AUTO ARM	-	-	-	YES	YES
OPEN/CLOSE SUPPRESSION	-	-	-	YES	YES
AUTO DISARM	-	-	-	-	-
SCHEDULES	-	-	-	-	-
LINE CUT DETECT	YES	YES	YES	YES	YES
BELL SUPERVISION	YES	YES	YES	YES	YES
COMMUNICATION FORMATS	CONTACT ID	CONTACT ID	CONTACT ID	CONTACT ID, SIA	CONTACT ID, SIA
PAGER FORMAT	YES	YES	YES	YES	YES
RS232 OPTION OUTPUT	-	-	-	-	-
FOR AUTOMATION INTEGRATION					
X-10 CAPABLE (GEM-X10)	-	-	-	-	8 DEVICE, 16 EVENTS
INPUT POWER	16.5 VAC	16.5 VAC	16.5 VAC	16.5 VAC	16.5 VAC
MAX STANDBY CURRENT	350mA	500mA	650mA	650mA	650mA
ALARM CURRENT	2 AMPS	2 AMPS	2 AMPS	2 AMPS	2 AMPS
AVALABLE IN THESE CONFIGURATIONS	GEM-P400/4 Control, Keypad & Transformer	GEM-P800 Control, Keypad & Transformer	GEM-P801 Control, RP8 Keypad & Transformer	GEM-P816 Control & Transformer	GEM-P1632 Control & Transformer
			GEM-P801ALPHA Control, Custom Alpha RP8LCD Keypad & Transformer	816PERFPAK Control, GEM-RP3DGTL Keypad, Transformer	1632PROPAK Control, GEM-RP3DGTL Keypad, Transformer
		GEM-P800PAK Control, Backlit GEM-RP8 Keypad, Transformer, Siren, PIR, Jack, Cord, 4AH Battery		816PERFPAKPLUS Control, GEM-RP3DGTL Keypad, Transformer, Siren, PIR, Jack, Cord, 4AH Battery	
				816PREMPAK Control, GEM-RP1CAe2 Keypad, Transformer	1632INTROPAK Control, GEM-RP1CAe2 Keypad, Transformer
COMMERCIAL AND/OR MERCANTILE OPTIONS					

			NAPCO MAGNUM PRODUCTS		
GEM-P3200	**GEM-P9600**	**GEM-X255**	**MA1000ENB**	**MA1008ENB**	**MA3000LKLD**
8	8	8	8	9	8
32/48	96	255	8	9	96
3xGEM-EZM8	3xGEM-EZM8	GEM-EZM8			
	1xGEM-EZM8	31xGEM-EZM8			11xGEM-EZM8
32	96	195	8	8	96
UP TO 32; 2 2-WIRE	UP TO 96 WITH UP TO 8 2-WIRE FIRE	255	1, 4-WIRE	UP TO 74-WIRE + 1 2/4-WIRE	UP TO 96 WITH UP TO 8 2-WIRE FIRE
7(total) GEM-RP1CAe2 RP2ASe2 RP3DGTL or GEM-K1CA K2AS K3DGTL K4RF K4	15(total) GEM-RP1CAe2 RP2ASe2 RP3DGTL or GEM-K1CA K2AS K3DGTL K4RF K4	15(total) GEM-RP1CAe2 GEM-K1CA	5(total) RP1054e RP1000ELCD	5(total) RP1054e RP1000ELCD	15(total) RP3000LCDe or CF3000LCDe FIRE MODEL
800	800	800	-	180	800
2	8	8	-	-	8
3, UP TO 27 (Using RB3008 Relay Modules)	3, UP TO 99 (Using RB3008 Relay Modules)	3, UP TO 99 (Using RB3008 Relay Modules)	2	2	3, UP TO 67 (Using RB3008 Relay Modules)
3 (RECV8/16/96)	4 (RECV8/16/96)	4 (RECV8/16/96/255)	-	-	-
48	96	255	-	-	-
8	16	16	-	-	-
YES	YES	YES	-	-	-
YES	YES	YES	-	-	YES
YES	YES	YES	-	-	YES
255	255	255	-	-	YES
YES	YES	YES	YES	YES	YES
YES	YES	YES	YES	YES	YES
CONTACT ID, SIA, Modem II	CONTACT ID, SIA, Modem II	CONTACT ID, SIA, Modem II	PULSED FORMATS 4/2	PULSED FORMATS 4/2	CONTACT ID, SIA, Modem II
YES	YES	YES	YES	YES	YES
-	YES	YES	-	-	-
YES - 24	YES - 64	YES - 64	-	-	YES - 64
16.5 VAC	16.5 VAC	16.5 VAC	16.5 VAC	16.5 VAC	16.5 VAC
650mA	750mA	750mA	300mA	450mA	650mA/2.75A
2 AMPS	2 AMPS	2 AMPS	1 AMP	1.2 AMPS	2 AMPS
GEM-P3200 Control & Transformer	GEM-P9600 Control & Transformer	GEM-X255 Control & Transformer	MA1000ENB RP1054e Keypad & Transformer	MA1008ENB Control, RP1054e Keypad & Transformer	MA300LKDL Control & Transformer (Less Housing)
			MA1000ELIFEPAK Control, Lifetime Warranty Option for Consumers, RP1054e Keypad, PIR700 (50'), Transformer		H1214 Standard UL Household Housing
H1217 Conversion Kit For UL Mercantile Housing or GEM-P3200M (complete)	H1217 Conversion Kit For UL Mercantile Housing or GEM-P9600M (complete)	H1217 Conversion Kit UL Mercantile Housing		MA1008eMNB Commercial Mercantile Control Panel With Transformer & RP1054e Keypad	H1518 Commercial Mercantile Housing
					CF1518 Fire Housing
					PS3000 Optional Commercial Heavy Duty Power Supply Module, 12VDC 4A
					CB1518KIT UL Mercantile Commercial Burglar Kit
					CF5530 Supervised Dual Phone Line Switcher

Magnum Alert: Hardwire controls and keypads

Hardwire controls

MA1000ENB Control

- 7 EOL + N/O Zones
- Supervised Fire Zone
- Up/Downloadable Full-Size Control with 45° Terminal Strip
- 8 User Codes
- Transformer supplied
- MA1000ELBNB also available, as above with larger cabinet
- Uses Matching RP1000eLCD Alpha Keypad and Digital RP1054e Keypad Models

MA1008ENB Control

- 8 EOL + N/O Zones
- 2-Wire Supervised Fire Zones
- Powerful built-in siren driver
- 180 Event Time-Referenced History Log
- 8 User Codes
- Programmable Line Cut Detection
- Programmable Auto Interior Bypass
- Up/Downloadable full-size control with full-size terminal strip
- Complete with Digital RP1054e Keypad & Transformer
- Matching RP1000eLCD Alpha Keypad Available

Backlit digital display keypad

RP1054E/RP1016E

- 3 F-P-A (Fire, Panic, Auxiliary) Panic Keys
- Backlit Touchtone Keys
- Vivid Digital Display + Status LEDs

Backlit Custom Alphanumeric Keypad

RP1000ELCD

As Above, But with:

- Large, Backlit Custom English Language Display & Alpha Zone Directory
- Backlit Touchtone Keys auto-brighten at a touch

Commercial fire/burglary multitasking, multiplexing, partitioning control

MA3000

- 12 - 96 Fully Programmable Zones (8 Zones on Board + 4 at each keypad)
- 8 Partitions-8 Doors Built-in Access Control
- 96 Simplified multi-function, multi-level User Codes
- 800 Event history log and 8 to 64 prog. relays
- Real time clock & 255 event scheduler
- Expandable with EZM3008 8-Zone Multiplex Modules
- On-Site Parallel Printer Output
- Advanced false alarm prevention features for extra-simple user operation

Accessories for MA3000:

- Housings: Standard H1214, Commercial H1518 or Commercial Fire CF1518
- EZM3008 8 Zone Multiplex Module
- RB3008 8-Relay Board
- CF5530 Commercial Fire Module
- RP3000LCD Burglar/Fire/Access Keypad
- CF3000LCD or CF3000eLCD Fire Marshall Keypad
- PS3000 Heavy Duty 4A Power Supply

Burglar/fire/access control backlit custom alphanumeric scroll keypad

RP3000LCDe/CF3000LCDe

- Large, Backlit Custom English Language Display & Alpha Zone Directory
- 3 F-P-A Panics
- Backlit Touchtone Keys auto-brighten with a touch
- 4-EOL Zone Built-in Multiplex Module at each keypad
- Supervised Tamper
- 3-in-1 Keypad: Simultaneous use as arm/disarm station, burglary system control and access control entry point
- Guard Tour Option

Universal keyfobs work with all major panel brands

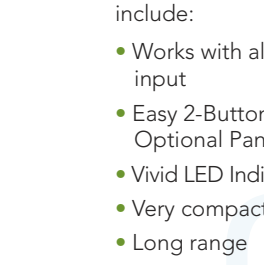
Bi-directional LCD keyfob compatible with all major alarm panel brands

2WAY-UNIVKF
The security industry's first and only universal bi-directional Keyfob with LCD status display and integral mini sounder, supported by a revolutionary dedicated Keyfob receiver.

Designed to be compatible with most major control panel brands, including NAPCO's Gemini and Magnum, and others such as ADEMCO, DSC, ITI and more, this 2-Way Keyfob is super-miniaturized for portability yet packs tremendous consumer appeal and sales potential.

System Status is indicated with 8 intuitive ICONS (a lock, a house, a flame, etc.) on the LCD display, and corresponding beep sequences on its mini sounder. Providing both easily understood visual and audible feedback, the user always knows with certainty that the system has carried out their command.

In addition to the many standard commands it can send to the system, it can also control up to 2 groups of lighting control, such as X-10, and up to 2 separate Garage Doors.



ORDERING INFORMATION

- **2WAY-UNIVKF** keyfobs are also sold in a kit with dedicated 2-way receiver
- **2WAY-UNIVKF** keyfob only. (Each receiver supports up to 7 keyfobs.)

Universal connection

Will operate on either the panel bus or its keyswitch input depending upon panel brand (Consult WI1024). With bus connection (e.g. Gemini, Ademco, etc.) the keyfob uses no zones, and up to 7 keyfobs are independently logged. With keyswitch connection, keyfob uses one zone for keyfob and one zone for panic, if desired.

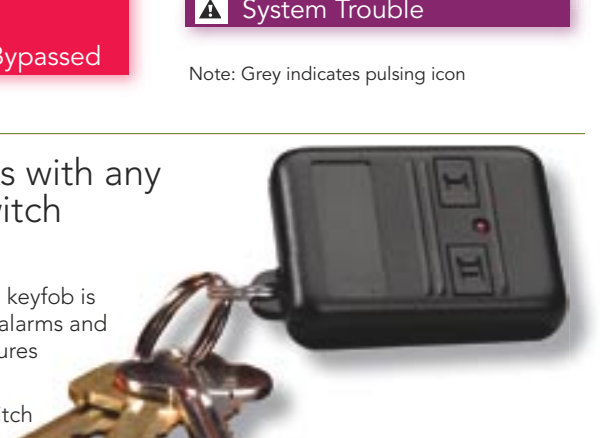
Easy LCD icon indicators

- Burglar Alarm
- Fire Alarm
- Armed - Away
- Armed - Stay
- Armed - Zones Bypassed
- Disarmed - Zones Faulted
- Disarmed - System Ready
- Transmit
- System Trouble

Note: Grey indicates pulsing icon

Universal value keyfob... works with any alarm panel brand with keyswitch

UNIVKIT1
With its simple 2-button operation, the Universal keyfob is easy to use, and will greatly reduce system false alarms and consumer training requirements, too. Other features include:



- Works with all control panel brands with keyswitch input
- Easy 2-Button operation for Arm/Disarm and Optional Panic
- Vivid LED Indicator Light confirms button activation (1-Way Communiction)
- Very compact size and supplied keyring
- Long range

Keyfob sold individually UNIVKF1 and in Kit with Dedicated Keyfob-Receiver UNIVKIT1

keyfobs

Basic hybrid control & keypads

Hardwire/wireless control/keypad 4-Paks:

XP400/4 & XP600/4

- Feature-Rich Programmable Zones: 4 in XP400 -or- 6 in XP600
- Support All GEMINI Wireless Transmitters using Gemini GEM-RECVXP8
- Keyfobs: 2 for XP400 -or- 4 for XP600
- Plus Wireless Points from Choice Of PIR, Window/Door & Glassbreaks 4 Points XP400 -or- 8 Points XP600
- Plus XP600's 2-Wire Fire Zone also supports 4 Wireless GEMINI Smoke Detectors
- Individually Reporting User Codes: 4 in XP400 -or- 6 in XP600
- Telco Line Cut
- EZ-Wire Full-Size Terminal Strips
- 2 Programmable Outputs for burglary, siren, strobe, 2-way voice, etc.
- Supervised Bell Output
- Up/Downloadable even with Phone Co. Answering Service
- Unique Unattended Downloading Method
- All Formats + Pager
- Output: 2A, max.-burg; 125mA, max. -fire (where applicable)
- UL, ULC Pending, FCC, FE
- Transformer (battery sold separately)

Also see page 4 for GEM-P801 9-Zone Control

Extra Keypads

RP-X6 & RP-X4

- Super-Easy Decorator White Keypads
- Actual Visual & Audible Transmitter Signal Strength Metering
- 3 Keypad Panics
- Large, Touchtone Keys
- Keyswitch Option
- RP-X6 Backlit Keypad Model Supplied in XP600/4

Napco Express

NAPCO's Exclusive Adaptive® Sensors

These exclusive Adaptive Sensors virtually make all other motion sensors, dual technology or otherwise, obsolete. Once they're installed, they're like having a technician on-site, making all adjustments for you 24-hours a day.

These patented microwave/PIR sensors are the only ones on the market that actively & continuously monitor their environment, counteracting false alarms and re-sensitizing themselves to continually optimize catch performance. In fact, some will even notify you if they have been purposely or accidently blocked or masked.

Ideal in all installations, despite harsh environmental conditions and/or pet/rodent activity, they provide the best protection available from both intruders and false alarms.They pay for themselves with the first service call they prevent.

Adaptive slimline sensor & long-range version

C100STE/STLRE

- C-100STE- 30' x 35' Range C-100STLRE - 50' x 40' Range
- Proven Adaptive Technology
- Active Self-Test supervision of both microwave & PIR channels
- Wide array of interchangeable lenses
- Secured Cover
- Tamper-Supervised
- UL & ULC Listed

Commercial adaptive sensors with mask/block supervision

M7100STE Adaptive Commercial Sensors

- 40' x 40' Range
- Active self-test supervision of both microwave & PIR channels
- Alarm Memory with Exit/Entry Delay
- Wrap-around shielded circuitry
- Wide array of interchangeable lenses
- 3' Dome of Protection™ for Anti-Masking & Anti-Blocking Supervision
- Secured Cover
- Tamper-Supervised
- UL & ULC Listed

M7300STE Adaptive Commercial Sensor

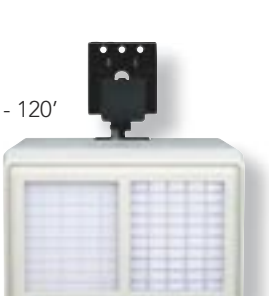
M7100STE FEATURES PLUS:

- 70' x 60' Range
- Tamper Switch
- Form C Relay

Adaptive heavy-duty industrial-strength sensor

M9000STE ADAPTIVE COMMERCIAL SENSOR

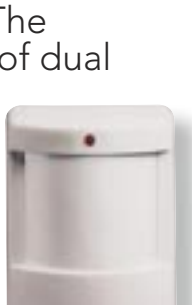
M7300STE SERIES FEATURES PLUS:



- Trio-Range from 55' - 120'
- EZ Aim, Positive Locking Swivel Bracket
- Concealed Wiring Channel
- Vandal-Resistant Industrial/ Institutional Strength Housing
- 3' Dome of Protection™ Anti-Masking/ Anti-Blocking Supervision

ADAPTIVE® II – The next generation of dual technology sensors

C200AP With P.E.T.™



The best pet immunity for any size animal!
False Alarm Reduction Features:

- P.E.T. (Profile Enhanced Targeting) processing provides revolutionary pet immunity – for any size pet by intelligently distinguishing animals from intruders!
- Patented Active Adaptive technology for continuously optimized catch & stability: Auto-correcting minute-by-minute for application & false alarm factors. With P.E.T., the sensor recognizes a pet's presence or absence in a protected area and self-adjusts appropriately.
- "SMARTER SYSTEMS™" Panel & Sensor Integration Input: Rock solid, automatically coordinates sensor sensitivity with panel status (armed, disarmed, arming in process, etc.)
- Superior RFI/EMI lightning protection with wrap-around shielded SMD circuitry
- "Twin-tee" fluorescent light interference filter

Installation-Ease Features:

- 40' x 40' Maximum Broad Range Coverage
- Self-Test Indicator
- 2 Field-Changeable Lenses Supplied (Long Range & Vari-Pet)
- Range Control & Auto-Temp Compensation
- Tamper Supervised
- UL Listed and CE Compliant

Optional SVLBKT Flexi-Swivel Bracket Kit

- For horizontal and vertical adjustable ceiling and wall mounting (Pak of 3)

adaptive sensors

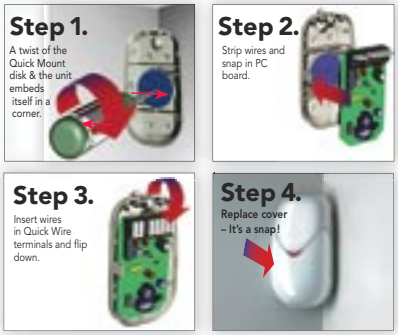
Smart motion detectors for every application

The Pet-Immune PIR with "Quick-Catch" that profiles false alarm sources and virtually installs itself

For over 30 years, NAPCO's innovative technology has produced sensors with superior false alarm discrimination. Today NAPCO is a leader in smart PIR technology, P.E.T. immunity, and décor-enhancing design.

IQ PROFILER™

- 50 lb. Pet Immunity (22.7kg) & Superior False Alarm Discrimination with Unique Dual Focal Lenses.
- Installation in a snap with patented Quick-Mount and Quick-Wire terminals
- Maximum Range: 50 x 50 Feet
- New & improved "Quick-Catch" mode
- Décor White Bi-Optic Contour Case and Dual Focal Lenses provide exceptional distance profiling:
- "Far Field Lens" allows for detection of large objects and ignores small targets nearby
- "Near Field Lens" allows for discrimination of small targets nearby
- Shielded High-Performance Aspheric Lenses plus Look-Down/Creep Zone
- Sensor Chamber prevents insect, draft, and dust interference.
- 20v/m RF-Shielded circuitry


Step 1.
A twist of the Quick Mount disk & the unit embeds itself in a corner.
Step 2.
Strip wires and snap in PC board.
Step 3.
Insert wires in Quick Wire terminals and flip down.
Step 4.
Replace cover – It's a snap!

IQ VISION Advanced PIR with "IQ Look"

- 40' x 40' Range; 30lb. Pet Immunity
- Attractive Two-tone White/Gray styling
- Features Look-Down/Creep Zone
- SSP™ (Signal Selective Processing) for the easiest and most stable of installations
- Auto Temp compensation
- Advanced, "EZ-Aim" fresnel lenses and lens bank for optimum detection performance
- Wall or corner mountable
- Excellent EMI-/RMI-/Lightning Protection with resilient SMD circuitry
- Tamper supervised
- Form A Relay (Form "C" option)• Long-range, barrier and specialty lenses are available to suit all coverage needs
- Wall or corner mountable, with horizontal and vertical adjust
- EMI-/RMI-/Lightning Protection with resilient SMD circuitry
- Form A Relay
- UL Listed; CE Compliant

Microprocessor PIR with 65lb Pet Immunity & built-In Room-Temp Alert

PIR1680PT

- 45' x 45' Range
- 65 lb pet/animal Immunity
- Room-Temp Alert – temperature monitoring provides auto-alert at 40*F - 90* F
- Look-Down/Creep Zone
- D.C.I.D. Technology- detect & compare imaging diagnostics for advanced false and true alarm detection
- Active Self Test Mode
- Exceptional RFI-/EMI/lightning shielding of key components
- Lens Bank available, including long range, barrier, and specialty ranges
- Wall or corner mountable
- Tamper supervised
- Form A Relay (Form C optional)
- UL Listed; CE compliant

PIR1680PT

Model as above, with 20lb. pet/animal immunity

Advanced ASIC PIR

PIR1710

- 70' x 60' Broad Range Coverage perfect for both residential and commercial
- Features Look-Down/Creep Zone
- SSP™ (Signal Selective Processing) for the easiest and most stable of installations
- Auto Temp compensation
- Advanced, "EZ-Aim" fresnel lenses and lens bank for optimum detection performance
- Wall or corner mountable
- Excellent EMI-/RMI-/Lightning Protection with resilient SMD circuitry
- Tamper supervised
- Form A Relay (Form "C" option)
- UL Listed; CE Compliant

Economical PIR sensors with Look-Down

PIR1510

- 30' x 30' Broad Range Coverage
- Attractive, super-compact size
- SSP™ (Signal Selective Processing) for the easiest and most stable installations
- Advanced, "EZ-Aim" fresnel lenses and lens bank for optimum detection performance
- Long-range, barrier and specialty lenses are available to suit all coverage needs
- Wall or corner mountable, with horizontal and vertical adjust
- EMI-/RMI-/Lightning Protection with resilient SMD circuitry
- Form A Relay
- UL Listed; CE Compliant

PIR sensors

Firewolf™ smoke detectors and pull stations

Advanced photoelectric smoke detectors

FW-2 2-Wire
FW-4 4-Wire

- Detects virtually all types of fires including paper, wood, gasoline, polystyrene, and smoldering
- Low Profile
- RF/Transient Protection
- Two built-in power/sensitivity supervision/ alarm LEDs
- Non-directional smoke chamber
- Vandal resistant security locking feature
- Removeable smoke labyrinth for cleaning or replacement

Advanced photoelectric smoke with built-in thermal heat detector

FW2-H 2-Wire
FW4-H 4-Wire

Same features as FW-2 & FW-4 Plus –

- Built-in thermal heat sensor for more fire codes requiring 135^{0}F fixed.

Single action, dual action & key-reset pull stations

FW-PULL1

- Non-coded single or double action devices which initiate an alarm when pulled.
- Resetting of the FW-PULL1 is accomplished by inserting a small screwdriver
- Durable extruded aluminum construction and finished in red
- Pull stations can be converted to dual action with the addition of the FW-PULL2MOD double action lever kit.

FW-PULL1K

- Same features of FW-PULL1 with key reset

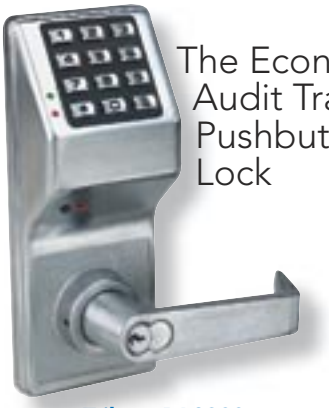
Trilogy: Electronic cylindrical digital locks

Trilogy® T2® Standalone Digital Lock

DL2700 Series

- Clutch mechanism offers long lasting performance and exceptional strength
- Heavy-duty trim design with self-contained, fully programmable, 12 digit metal keypad
- Non-handed for easy installation and versatility
- 2-wire remote override or key bypass capability
- Passage Mode
- Visual and audible entry indicators
- Flex-Drive™ motor operates latch mechanism
- Multi-level user capability
- Up to 15 different group or individual codes
- Master, manager, emergency, service codes
- Individual, group or total user lockout codes
- Also available with curved REGAL handle: DL2775 version
- Also available in DL2750 Knob version
- "WP" Weatherproof Models (+ 151°F to -20°F, +66^0 to -29^{0}C)

Curved Regal Handle Option

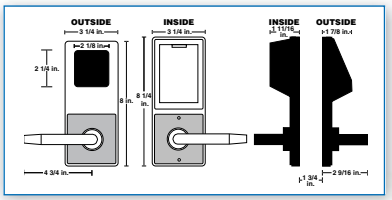


The Economical Audit Trail Pushbutton Lock

Trilogy DL2800

- Rugged clutch mechanism insures long life & durability
- 150 scheduled events
- 200 User Codes: Master, Manager, Supervisor and Basic Users. Also one-time entry code
- Weather resistant with operational temperature range of +151°F to -20°F, +66^0 to -29^{0}C
- Times entry allowance from 5-15 seconds
- Greater security with "Temporary Keypad Lockout" after 3 unsuccessful code-entry attempts
- Audit Trail with Time/Date Stamp for a printable record of all electronic activity
- Real Time Clock
- Relay may be programmed to energize when one or more selected events occur
- 4 Time-Out functions
- 1000 Event Log
- Battery operated; uses 5 AA batteries
- Available in standard key override and interchangeable core models accepting 6 or 7 pin cores from Arrow, Best, Falcon, or KSP. Other IC core preps available.
- Available in standard Trilogy leverset (straight) or with new Regal (curved) lever

.



Trilogy® T3 Advanced Digital lock with Audit Trail

DL3000 Series

Similar features to DL2700 Series, but with:

- 300 User Codes: Master, manager, supervisor & basic users
- 4 programming levels, 4 user groups
- 3, 4, 5 or 6 digit codes, 1-Time service code
- Real time clock
- Time zones
- 150 scheduled events (Lock/Unlock, Code Disable/Enable)
- 4 "Quick Schedules" of the most common routines
- 100% fingertip programmable or PC programmable with Alarm Lock DL-WINDOWS – Windows software
- Non-volatile memory
- 1600 Event Log
- Passage mode enabled by Master's and Manager's codes
- Optional hand-held AL-IR1 Infrared Printer may be used to print the Event Log and User Code list (See Pg. 17)

CYLINDRICAL TRILOGY ORDERING INFORMATION

DL 27 00 WP IC /26D -Y

Model & Series:
DL27 = Trilogy T2 Series
DL28 = Trilogy DL2800 Series
DL30 = Trilogy T3 Series

Trim:
00 = Lever
50 = Knob
75 = Regal Curved Lever

Exterior/Interior Use:
WP = Waterproof for exterior use
(Note: No "WP" indicates standard, interior use.)

Cylinder:
IC = Standard Interchangeable Core Prep for Best, Falcon, Arrow, KSP
(Note: No "IC" indicates standard K.O. cylinder.)

Finish:
/3 = US3 Polished Brass
/26 = US26 Polished Chrome
/26D = US26D Satin Chrome
/5 = US5 Antique Brass
/10B = Duronodic (Special Order)

Special Order IC Prep:
-Y = Yale
-M = Medeco
-R = Sargent
-C = Corbin/Russwin
-S = Schlage

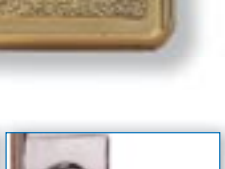
trilogy

Trilogy durability with prox capabilities

Trilogy prox lock

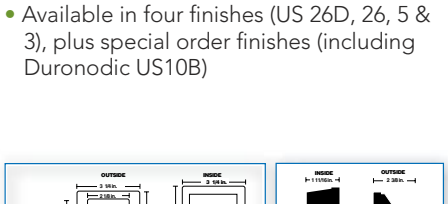
PDL/PL 3000 Series

- Accepts HID Proximity cards and keyfobs including 26, 33 and 37 bit formats etc.
- 2000 User codes; Master; manager; supervisor; basic users
- Users are individually programmed to use a card only, code only, or for the highest security – both card and code
- Card data can be added to software via the lock, card reader module or PC
- Batch enroll feature allows many cards to be quickly added to the software via the lock without the use of a PC
- Weatherproof and operates from 151°F to -20°F (66°C to -29°C)
- Program data transferred to lock via AL-PCI (PC interface or AL-DTM (data transfer module)
- Fingertip (keypad) or Windows PC-programmable
- Real time clock enables up to 500 scheduled events and holiday schedules
- Up to 40,000 event Audit Trail with printed time/date- stamped log of all electronic activity can be extracted from the lock by using the AL-IR1 (infrared printer), the AL-DTM (data transfer module) or AL-PCI (PC interface)
- 5 AA batteries furnished; 60,000 cycles typical. Audible low battery alert
- 'Quick Passage' Mode enabled with an authorized user code and function code (does not require lock to be in program mode)
- Available in four finishes (US 26D, 26, 5 & 3), plus special order finishes (including Duronodic US10B)



Curved Regal Handle Option

Also available with privacy feature – interior locking capability for use in restrooms or fitting room. PDL/DL 4100 & 4500 series.



Trilogy audit trail lock accessories

(FOR DL2800, DL3000 & 3500 SERIES)

AL-IR1 Infrared Printer:

- Prints the event log and user code with hand-held convenience.

AL-DTM2 Data Transfer Module

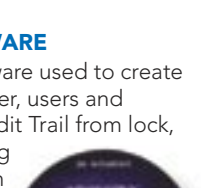
- Module used to transfer program data from the PC to the lock and receive Audit Trail from the lock. Can transfer program data for up to 48 locks.

AL-PRE

- Alarm Lock Prox Reader/Enroller (For Use With Prox Lock) Prox Card Reader/Enroller Enables instant, automatic enrollment of Prox Cards into DL-Windows (just tap the Prox Card/fob device to the unit's faceplate to enroll)! Supports all Prox Cards and Prox Keyfobs (supported by PDL3000). Simultaneous card enrollment, downloading or lock polling – all on just one serial port. Replaces AL-PCI. 9V Battery operation (6 mos. to 1 year, typical).

DL-WINDOWS SOFTWARE

- Windows-format software used to create programming, manager, users and schedules, receive Audit Trail from lock, program the lock using PC or laptop, program the AL-DTM2 to program multiple locks and configure the AL-DTM2 to transfer data.



AL-PCI (not shown)

- Interface cable interconnects lock and PC for data transfer. (AL-PCI also includes DL-WINDOWS CD)

TRILOGY PROX ORDERING INFORMATION

PDL 30 00 IC /26D -Y

Model & Series:
PDL30 = Trilogy Prox Digital Lock
PL3000 = As above, less keypad

Trim:
00 = Standard Lever
75 = Regal Lever

Cylinder:
IC = Standard Interchangeable Core Prep for Best, Falcon, Arrow, KSP (Note: No "IC" indicates standard K.O. cylinder.)

Finish:
/3 = US3 Polished Brass
/26 = US26 Polished Chrome
/26D = US26D Satin Chrome
/5 = US5 Antique Brass
/10B = Duronodic (Special Order)

Special Order IC Prep:
-Y = Yale
-M = Medeco
-R = Sargent
-C = Corbin/Russwin
-S = Schlage

Electronic digital Trilogy mortise locks

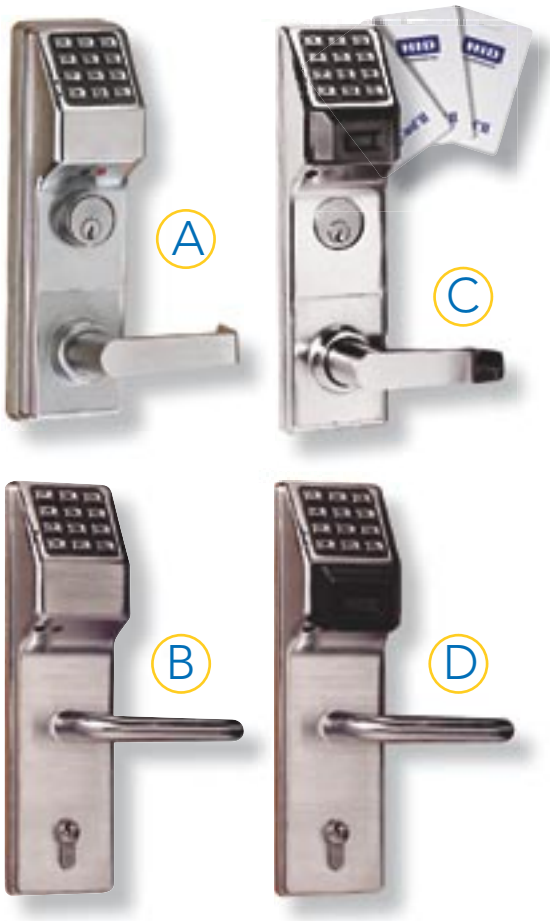
Trilogy mortise locks

DL3500 Series

A. US Mortise Lock
B. European Mortise Lock

Similar in functionality to T3 DL3000 Series, but with:

- 300 User codes: Master, manager, supervisor & basic users
- Weatherproof – operates from -20°F to 151°F (-29°C to 66°C)
- Fingertip or Windows PC-programmable
- Real time clock enables up to 500 scheduled events and holiday schedules
- 40,000 Event Audit Trail provides a printed time/date- stamped log of all electronic activity
- Long-life batteries and low-battery alert
- US versions: Choose either Classroom or Deadbolt versions and left or right handing (If reverse hand is required, lock is field reversible.)
- Available in standard Trilogy US leverset (straight) or with new Regal (curved) handle trim. Euro version has curved handle as pictured in "B".
- Five finishes (US 26D, 26, 5, 3 & 10B, plus special order finishes)
- 1 3/8" (3.5 cm) mortise cylinder supplied



Trilogy prox mortise lock

PDL3500 Series

C. US mortiselock with prox
D. European mortise lock with prox

Similar in functionality to DL3500 Series, but with:

- Accepts most HID Proximity cards and keyfobs
- 2000 User codes; Master; Manager; Supervisor; basic users
- Users are programmed to use card only, code only, or card and code
- Card data can be enrolled into software via the lock, card reader module or PC
- Batch enroll feature allows many cards to be quickly added to the software via the lock
- Program data transferred to lock via AL-PCI or AL-DTMII
- Quick Passage Mode enabled with an authorized user code and function code (does not require lock to be in program mode)

TRILOGY MORTISE ORDERING INFORMATION

DL 35 00 DB R /26D EX

Model & Series:
DL35 = Trilogy Mortise Digital Lock
PDL35 = As above plus Prox Reader
Trim:
00 = Standard Lever
75 = Regal Curved Lever (U.S. Option Only)
Lock Body:
DB = Dead Bolt
CR = Class Room (U.S. Only)
Handing:
Your Door - Order -
Left Handed L
Right Handed R
Left Hand Reverse Bevel R
Right Hand Reverse Bevel L

Finish:
/3 = US3 Polished Brass
/26 = US26 Polished Chrome
/26D = US26D Satin Chrome
/5 = US5 Antique Brass
/10B = Duronodic
European Model Suffix
Not Used For U.S. Models

***Note:** Standard Lever for U.S. Models is Straight Lever. Standard Lever for European Models is Curved Tubular Lever

EXIT TRIM ORDERING INFORMATION

ETPDL- 0 R/ 26D V99

TYPE:
PDL = Digital with Prox
PL = Prox Only
DL = No Prox

DOOR THICKNESS:
0 = 1 3/4" +/- 1/8"
1 = 2" +/- 1/8"
2 = 2 1/4" +/- 1/8"
3 = 2 1/2" +/- 1/8"

HANDLE:
R = Regal
S = Straight

Finish:
26D = US26D Satin Chrome
10B = Duronodic
26 = US26 Polished Chrome
3 = US# Polished Brass

OEM TRIM
V99 = Von Duprin 99
C50 = Corbin ED5000 & Yale
D93 = Dorma 9300
A38 = Arrow 3800

Add Trilogy convenience, programming, flexibility and audit trail to panic exit devices from most major manufacturers

INSIDE:
Existing panic exit device – Most major brands supported

Trilogy Exit

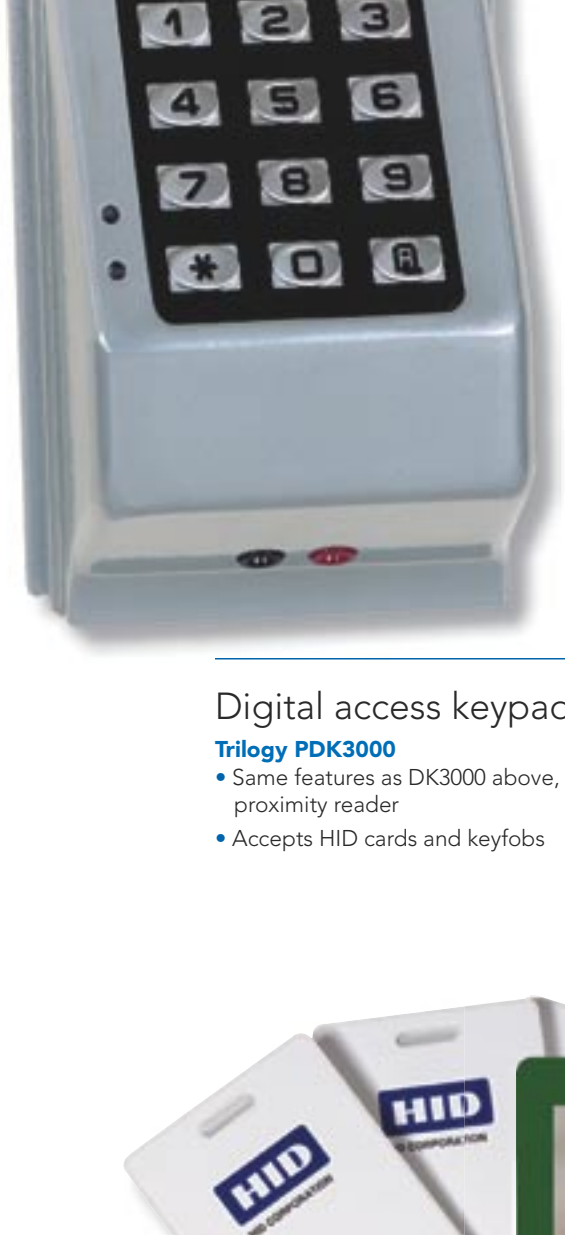
- Clutch Mechanism insures long life and durability
- Fingertip and/or Windows Programmable
- 2000 User Codes: Master, manager, supervisor and users
- Real Time Clock for up to 40,000 Event Time/Date-Stamped Audit Trail
- Up to 500 Lock/Unlock Schedules (with Time Zone Support)
- Rugged 12-Button Metal Keypad
- Non-Handed; Fully Field Reversible
- Adaptable to most major manufacturers of standard RIM and IC RIM Cylinders
- Battery operated; uses 5 AA batteries

Also available in prox model for added convenience and security. Includes all of the features above plus:

- Accepts most HID Proximity cards and keyfobs
- Users are individually programmed to use a card only, code, only, or for highest security – both card and code
- Prox card data can be added to software by uploading from lock, by using AL-PRE or entering directly from computer using DL-WINDOWS software.

OUTSIDE:
Rugged, field-proven Trilogy digital lock.

12/24 V AC/DC access keypads with Trilogy features



Weatherproof 12V/24V digital access keypad

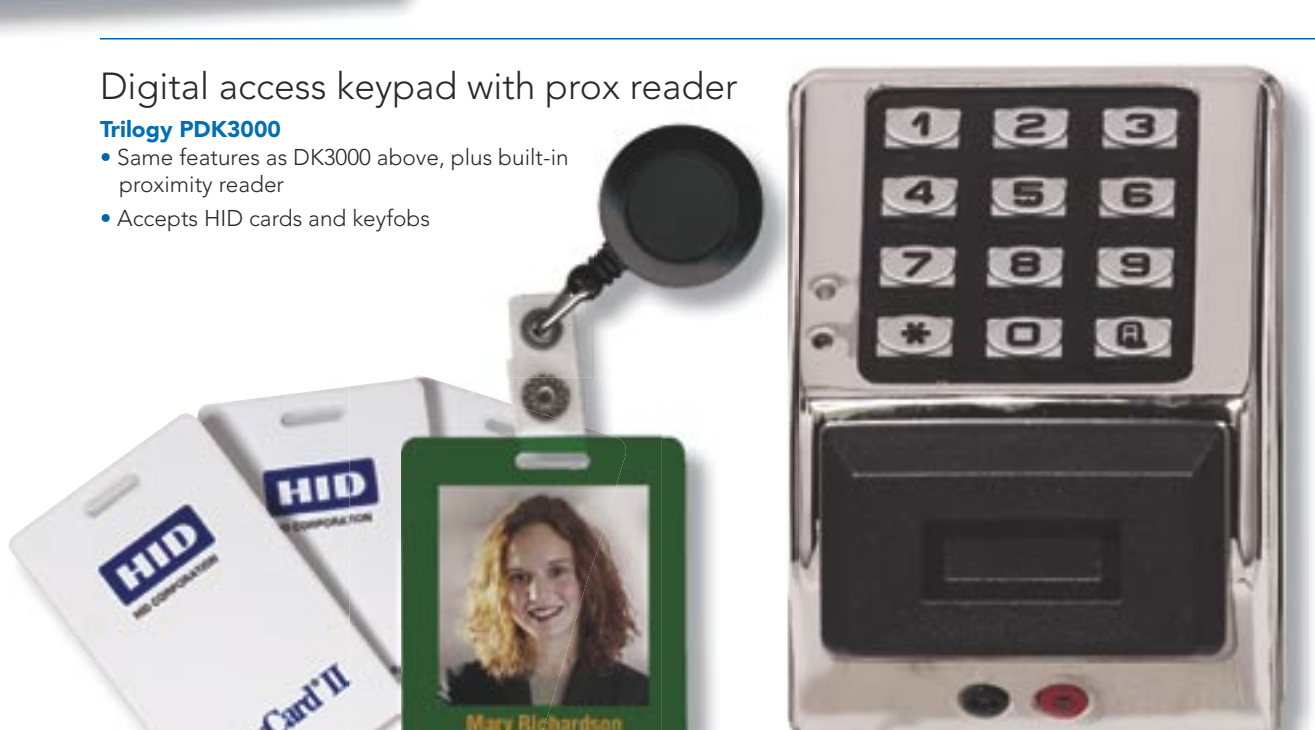
Trilogy DK3000

- Ideal for use with 12V or 24V (AC or DC) electric door strikes, mag lock PM 1200, PM600 or Alarm Lock Remote Release Mag Lock Kit. See page 12.
- Easiest installation in minutes: Wall mount or single gang box
- 2 High-Current Rated 8A Relays for entry, alarm zone shunting or lock release by real-time schedule
- Weatherproof, rugged all-metal 12-button keypad
- 2,000 user codes, master, manager, supervisor and basic
- 100% Fingertip or PC Programmable with familiar Trilogy method
- 40,000 Event Audit Trail: Query by PC or Handheld Printer or DTM2 Module
- Timed Egress Input allows door to open for 5, 10 or 15 seconds
- Real time clock with time-zone adjustments, enables 500 scheduled or holiday events
- Independent Tamper-Report when attempts are made to vandalize or remove DK3000 via an alarm system
- Remote-Release Feature/Request-to-Exit Input

Digital access keypad with prox reader

Trilogy PDK3000

- Same features as DK3000 above, plus built-in proximity reader
- Accepts HID cards and keyfobs



keypads

Alarm Lock panic exit hardware

Sirenlock™ Models 250, 260, 700, and 710 are UL Listed panic alarm deadbolt devices which restrict unauthorized use of exit doors by sounding an alarm, while providing instant egress in emergencies

Delayed egress exit alarm

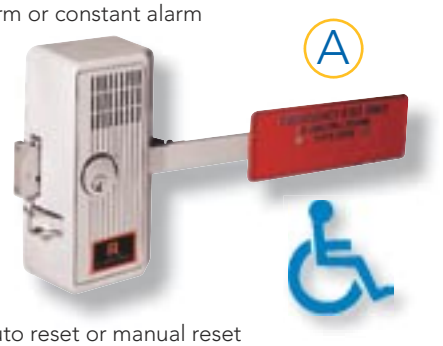
SIRENLOCK™ MODEL 715

- Offers stylish, cost-effective control of unauthorized use of exit doors
- 15 second delayed egress with instant 95db Dual Piezo alarm (meets UL specifications)
- Instant alarmed exit in case of actual emergency or fire (meets NFPA 1012 Life Safety Code)
- Easy-to-install, surface mount unit in a standard panic bar deadbolt/deadlatch design
- Monitoring output for simultaneous use of CCTV camera, secondary siren, remote monitoring console, etc.
- Smoke detector input can be used to power existing system or standalone smoke detector(s) (Includes armored door cord and cables for wiring)
- 9V battery back-up powers in event of power failure

Clapper plate/full door exit style alarms

A – SIRENLOCK™ MODEL 250/260
B – SIRENLOCK™ MODEL 700/710

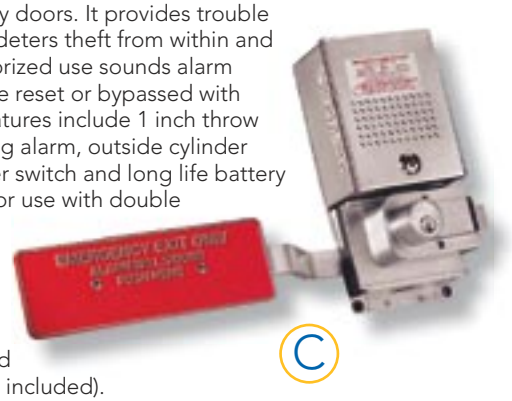
- Deadbolt and deadlatch meet relatching requirements
- Blaring 95db dual tone siren
- Selectable 2-minute alarm or constant alarm
- 9V battery powered and audible low battery warning
- Meets or exceeds UL, CFM, ADA, NYC housing requirements
- 250/700 Models have changeable 2 minute alarm cutoff or manual reset.
- 260/710 Models have changeable 2 minute auto reset or manual reset
- Models 700 and 710 are available in 33" and 48" versions
- Model 700 is also available in red finish (700XRD)
- Non-handed surface installations on single or double doors



C – MODEL 11A

(Dead bolt only; Not for ADA applications)

- Model 11A is an exit lock designed to control unauthorized use of emergency doors. It provides trouble free service and deters theft from within and outside. Unauthorized use sounds alarm which can only be reset or bypassed with key. Standard features include 1 inch throw deadbolt, warning alarm, outside cylinder capability, tamper switch and long life battery pack. Available for use with double doors or for use with existing panic bars. Optional AC power supply. Requires standard RIM cylinder (not included).



Remote release mags, powermags and RTEs

Innovative remote release mag-kit

RR-PM1200PAK

- Advanced 1200 lb. Electromagnetic Lock with Infrared Remote Release
- The power of a mag with the convenience of pocket-size remote controls for reception or staffers
- Complete turnkey system includes: Advanced 1200 lb. Mag, one remote control, and plug-in AC transformer
- Plug-in 12VAC transformer eliminates the requirement for pulling wires or the services of an electrician (optional use)
- Supports up to 100 individual remote controls (AL-REMOTE)
- Releases mag from either side of door
- AL-REMOTE Keyfob features single button operation with positive "click" response
- Automatically-enrolled by system in easy programming mode and is audibly and visually confirmed
- UL-listed; CE-listed

Electromagnetic locks

PowerMag™ 12/24V

- Strong holding force of 600 and 1200 lb. models
- Perfect for both single and double doors and even sliding doors
- 5-year limited warranty
- Low voltage (12 or 24VDC); including field-selectable models
- Double door models with 1200 lb. locking per side (PM1200SLB1 and 40)

PowerExit™ Request-to-Exit Push Buttons

- Come in five models, with or without illuminated buttons
- All models have solid aluminum anodized finish US28
- Sizes: 3' x 4 3/4" x 1/4" and 1 5/8" x 4 3/4" x 1/4"
- Back Depth: 1 1/4" and 1 7/8"
- Switch Rating: 250V AC 5A
- Momentary Action

Electric door locks

Models 103 & 104RA

- Models 103 & 104RA are compact electric locks simple to install on all types of doors. The door is locked or unlocked by remote switch, key switch, time programmer or other electrical contact which interrupts the power. Model 103 is our standard "fail-safe" unit which projects the bolt only while power is "on." When the power is "off" the bolt retracts. Model 104RA (reverse action) unlike our standard unit is "fail-secure" and will project the bolt only when the power is "off." When the power is "on" the bolt retracts. 24 VAC or 12 VAC models available

Electronic combination access lock

Cypher® Lock

- Affordable electronic push-button Access Control system
- Permits entry only to those who know its correct 4-digit code
- Ultimate in spy-proof code security
- System includes a push-button panel and a logic controller that will activate nearly any electronic door lock
- Adjustable "door open" time and hostage alarm for entry under duress.

mags & locks

Alarm Lock advanced door alarms

- Narrow stile door alarms
- Convenient plug-in No-Cut jumpers
- Improved 95db sweeping siren
- Visual magnetic alignment mode, eliminates templates
- Self-contained and dual-tamper supervised
- 9V battery powered (supplied) with low battery alert

Model PG30:

Top-of-the-line keypad controlled narrow stile door alarm, similar to PG21E plus:

- Digital codes for Master, Management and Passage (used for Auto-Arming)
- 3 security levels for: a) High Security b) Unattended applications c) Flexible control for delivery doors, etc.
- Audible low battery warning
- 3 Programmable 95db siren styles: sweep, pulsed, and steady
- Logo key is dual function test button

PGKPD Accessory:

For optional use with the PG30, this low-profile, brushed aluminum finished accessory provides all functions of the PG30 from the outside of the door. (Available in metallic silver only.)

Model PG10

- The Pilfergard Model PG10 is an exit door alarm designed to deter the use of the secured door by sounding a twin action alarm when opened by unauthorized personnel. The alarm can be bypassed from inside or outside by the use of a key. (Requires standard mortise cylinder not supplied.) This durable surface mount unit is easily installed and is tamper-supervised with two separate tamper switches. Its test button verifies battery. Optional AC power supply available.

Model LL1

- All of the features of the PG10 unit with addition of a flashing strobe for easy alarm identification.
- Choice of system controllers

Model PG21

- Sleek model design key-activated door alarm for use on standard size and narrow stile doors
- Unauthorized use of door causes alarm to sound and activates LED indicator
- Options include continuous alarm, minute shutdown with auto reset and exit/entry delay
- Uses standard mortise cylinder
- Tamper switch supervised
- For exterior key control, optional RIM cylinder may be used
- Finishes: metallic silver or duronodic

Model PG21E

Includes all features of PG21 plus "Max-Flex" Terminals, allowing for any or all of the following:

- New model with strobe light
- Continuous power with the addition of an external power supply
- Multiple door monitoring permitted with built-in external reed switches
- Form C Relay output permits remote monitoring
- Finish: metallic silver

Models PG21MS/PG21MB

Available December, 2003

- All PG21MS/PG21MB will incorporate the PG21E features
- Selectable options for arming
  1. Always Armed Mode – when key is turned counter clockwise to the disarm position, the key cannot be removed. To remove key, turn back to arm mode, thus keeping unit armed always.
  2. Standard Arming Mode – when key is inserted turning counter clockwise will disarm and key can be removed. Turning key clockwise will arm and key can be removed.
- Status Indicator – The LED will indicate RED when armed.
- Entry Delay Time Options – Options include 15 seconds, 1 min 15 seconds & 3 min 15 seconds
- Optional Strobe unit – PG21MSS/PG21MBS units will include an highly visible amber strobe will flash when unit goes into alarm

Enterprise Class Client/Server Software: CardAccess 3000

CONTINENTAL INSTRUMENTS

CA3000 SQL is a true 32 bit, multi-tier application that runs on Windows 2000, Windows Pro and Windows NT 4.0. Clients operate on Windows XP, 98SE, NT or 2000. The CA3000 successfully integrates advanced client/server system architecture, scalable MSDE/MS/SQL database technology and advanced networking capabilities to provide an easy to program and easy to use integrated access control and facilities management system.

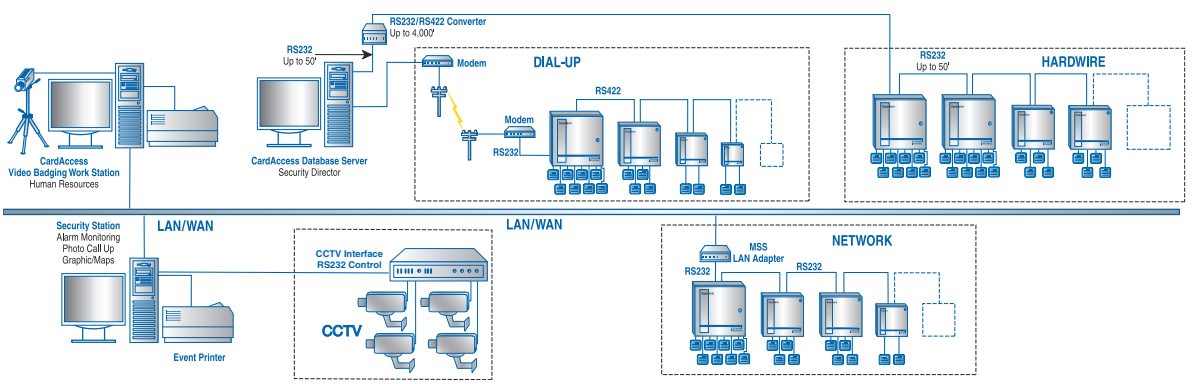
The scalable architecture of the CA3000 provides you with a system that has been designed to exceed your current needs and meet your requirements far into the future. The integration of CCTV control with pan, tilt and zoom capabilities and comprehensive alarm processing significantly eases the burden of providing a secure environment for your employees. Flexible database partitioning facilitates segmentation of the database into spheres of control."

- Enterprise Class integrated access control, CCTV and badging.
- Customizable solutions for new systems and retrofit applications, from 2 to 4000 doors; and from 1 workstation to 100
- Easy migration supports all existing readers and cards, as well as new technologies from smart cards through biometrics
- Lower maintenance and life cycle costs
- Reliable systems with field-proven, lightning-protected hardware and intuitive, modular multilingual software
- Responsive, knowledgeable customer care, four decades in the making – An access control pioneer, Continental has a wealth of experience to draw from. We're small enough to know your account, but large enough to have the technology and resource you deserve.

Operating System	**Windows® 2000, NT, XP**
Database	**MSDE/SQL**
Controllers supported	**512**
Readers (depends on controller used	**4096**
Upgradeable	**N/A**
Workstation Capacity (in addition to Host)*	**100**
Dial-up to Controllers	**Yes**
Workstation Polling	**No**
Optional Video Badging	**Built in**
Mapping/Floorplans	**Yes**
CCTV Interface	**Yes**
Supports LAN Based Controllers	**Yes**
Security Key Required	**Yes**
Database Partitioning	**Yes**
Elevator Control	**Yes**

Continental: access control controllers

CAPACITIES	MICROTERM	MINITERM	SMARTERM	SUPERTERM	SUPERTERM 8
CARD CAPACITY	UP TO 1400	UP TO 3300	2500 TO 120,000	20,000 TO 145,000	20,000 TO 145,000
CARD READER CAPACITY	2	2	4	4	8
KEYPAD CAPACITY	1	2	4	4	8
DURESS KEYPAD	YES	YES	YES	YES	YES
NUMBER OF DOORS	1 TO 2	2	4	4	4 OR 8
TRANSACTION BUFFER CAPACITY	UP TO 1000	UP TO 3000	1000 (up to 50,000)	1000 (up to 30,000)	1000 (up to 50,000)
MEMORY RAM (WITH EXPANSION)	32K	64K	56k (up to 2 Meg)	128 (up to 2 Meg)	128 (up to 2 Meg)
MONITORED POINTS (inputs--linked)	2 SUPERVISED	8 SUPERVISED	16 UNSUPERVISED Expand to 48 (4x8 points or to 64 supervised (4x16 points)	16 SUPERVISED Expand to 57 (3x16 points)	24 SUPERVISED Expand to 72 (3x16 points) or to 24 unsupervised (3x8 points)
OUTPUT RELAYS--FORM C (linked)	3	5	9	9	17
RELAY EXPANSION			73	57	65
FORM C					
TMED ZONES	128	128	128	128	128
HOLIDAYS	50	50	50	50	50
LINK PROGRAMS	64	64	64	64	64
BATTERY BACKUP	4 TO 6 HRS (opt)	5 TO 6HRS (std)	4 to 6 HRS (std)	4 to 6HRS (std)	4 to 6 hrs (std)
FUNCTIONS & FEATURES	ALL CONTINENTAL CONTROLLERS COME COMPLETE WITH HEAVY DUTY SHEET METAL ENCLOSURES WITH LINE CORDS, READY FOR INSTALL				
LEARNS ALL CARD ENCODING TECHNOLOGIES	YES	YES	YES	YES	YES
ANTI-PASSBACK	YES	YES	YES	YES	YES
FUSE PROTECTED STRIKE OUTPUTS				2 AMPS (10A max.)	2 AMPS (10A max.)
DOWNLOADABLE FIRMWARE				YES	YES
DIAGNOSTICS LEDs	#VALUE!	YES	YES	YES	YES
TAMPER ALARM	YES	YES	YES	YES	YES
TRANSIENT PROTECTED	YES	YES	YES (polling only)	YES	YES
BATTERY CHARGING OUTPUT		YES	YES	YES	YES
PRINTER	SERIAL		SERIAL	SERIAL	SERIAL
SPECIFICATIONS					
COMUNICATION: PROTOCAL	RS422/232	RS422/232	RS422/232	RS422/232/485	RS422/232/485
BAUD RATE	1200/2400/4800/9600 BPS	1200/2400/4800/9600 BPS	1200/2400/4800/9600 BPS	1200/2400/4800/9600 BPS	1200/2400/4800/9600 BPS
AUXILLIARY SERIAL PORTS		1 C (MASTER ONLY)			
OUTPUT RELAY CONTACTS	3A@ 24VDC/AC	3A@ 24VDC/AC	3A@ 24VDC/AC	3A@ 24VDC/AC	3A@ 24VDC/AC
POWER SUPPLY VOLTAGE	12VDC	120/230VAC	120/230VAC	120/230VAC	120/230VAC
CURRENT DRAW (with all expansion & specified accessories)	200mA	500mA @120VAC	750mA @120VAC	1A @120VAC	1A @120VAC
READER SUPPLY POWER (per panel)	100mA	200mA @5VDC	200mA @5VDC	800mA @5VDC	800mA @5VDC
COMPLIANCES	UL294, UL1950, UL1076	UL294, UL1950, UL1076		UL294, UL1950, UL1076	UL294, UL1950, UL1076



Napco Security Group

Sold and installed by tens-of-thousands of security professionals, millions of homes, businesses, institutions and people around the globe are protected by products from the NAPCO Group of Companies.

For decades, the Napco Security Group has held firmly to its commitment to both innovative product development and high quality production. With more than 250,000 square feet of state-of-the-art manufacturing facilities of its own, including high-speed SMD, three-stage in-line testing and comprehensive burn-in facilities, Napco and its divisions are fully backward-vertically integrated and equipped to expeditiously deliver on all security requirements, large and mass or small and customized.

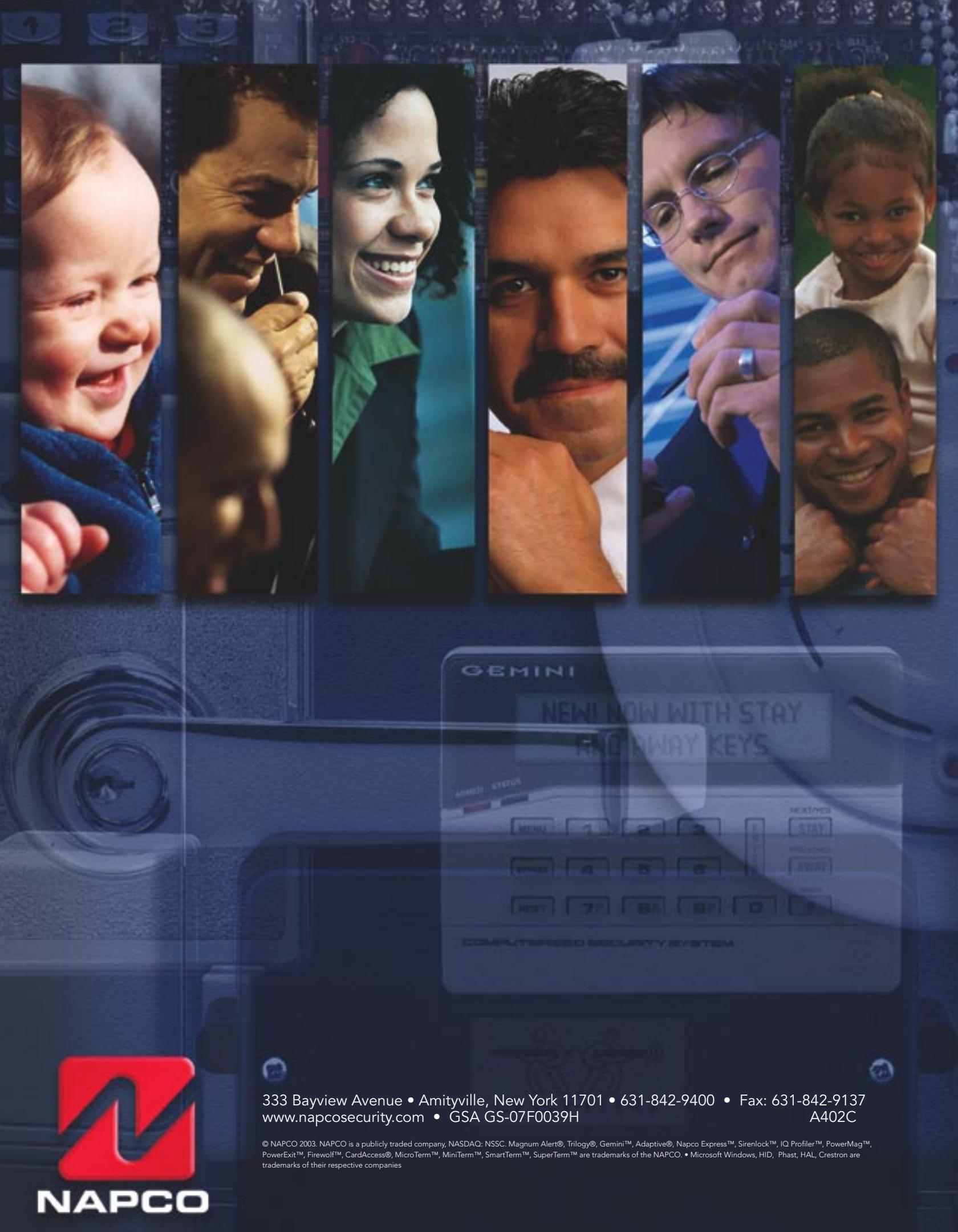
Napco subscribes to a rigorous quality management system and is ISO 9001:2000 Certified. Without exception, Napco Security Group products, including well-respected Napco, Alarm Lock and Continental Instruments brands, are of the highest caliber, meeting or exceeding industry standards; most are UL listed, CE marked and FCC certified, as applicable.

Napco Security Systems, Inc. (NASDAQ: NSSC), headquartered in New York, is a publicly traded firm long-led by its founder and chairman and its progressive management team including a unique blend of seasoned security experts and top marketing and engineering professionals with many decades of combined experience and a wealth of knowledge upon which to draw.

ALARM LOCK

NAPCO

CONTINENTAL INSTRUMENTS



NAPCO

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